

Errors in Statistical Methods for the Social Sciences, 5th edition

The following glitches have been pointed out to me (by James Lapp, Margo Anderson, Muharrem Bagriyanik, Sean Cash, James Endersby, Saad Mirza, and Huijun Yi) for the first printing of the book:

For Exercise 1.7 on p. 9, the solutions on p. 565 should be 85.4%, 85.1%, and 729%.

Exercise 2.36 does not follow the multiple-choice format that was mentioned in the heading for exercises 2.34–2.37. Each part should be treated as a True/False question.

Exercise 3.51 in Chapter 3 (page 63) uses the UN data file. The reference in the exercise statement should be to Table 3.9, not Table 3.13 (which is the OECD data file). The answers in the back of the book should be (a) negative, (b) Nigeria.

On p. 159, in Example 6.7, the reported standard deviation of 4.125 should be 1.425, as used correctly in the solution on the following page.

On p. 172, in Exercise 6.5, $H_0 : \mu \neq 100$ should be $H_a : \mu \neq 100$.

On p. 195, line 2, inside the square root sign the first n_2 should be n_1 .

On p. 227, in the final line “race” should be “religion.”

In Exercise 8.12, at the top of p. 241, (c) should be (b).

On p. 357, in Example 12.4, $(\bar{y}_2 - \bar{y}_1)$ should be $(\bar{y}_3 - \bar{y}_1)$.

On p. 364, Table 12.10, for the row labeled party, the values should be 1015.59, 2, 507.797, 317.20, and 0.0000. The F statistic following the table should be $F = 507.797/1.601 = 317.20$. On p. 369, Table 12.14, for the row labeled party, the values should be 1019.84, 2, 509.92, 318.68, and 0.000, and for the row labeled sex, the values should be 0.16, 1, 0.16, 0.10, and 0.752. (The values mistakenly reported in these tables seem to be the *sequential* rather than *partial* sums of squares.)

The solution on p. 568 for Chapter 6, exercise 43, should be for the one-sided alternative. For it, the P -value is 0.028.

The confidence interval in Exercise 7.19(a) should be $(-1.5, 2.7)$. Likewise, the solution at the end of the text should be “We can be 95% confident that the mean number of close friends for males is between 1.5 less and 2.7 more than the mean number of close friends for females.”

The solutions on p. 571 for Chapter 9, exercise 25, should be (b) $\hat{y} = -10.14 + 1.32x$, with predicted value 24.7 and residual 53.7, (c) new slope = 0.58 when DC deleted from

data file.

Solutions Manual

Dr. Brendan Nyhan kindly pointed out that for Exercise 4.34, part a, 0.6815 should be 0.6195, and 0.373 should be 0.383.